

Protecting Our Water Environment

Metropolitan Water Reclamation District of Greater Chicago

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611

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March 22, 1990

RECEIVED

MAR 28 1990

Environmental Protection Agency
Division of Water Pollution Control
Permit Section-Springfield
State of Illinois

Mr. Ed Marek
Acting Manager
Chicago Area Region
Field Operations Section
Illinois Environmental
Protection Agency
1701 First Avenue
Maywood, Illinois 60153

Dear Mr. Marek:

Subject: Progress Report for the 103rd and Doty
Closure Plan for February 1990

This letter transmits information and data for the month of February 1990 on the closure plan for the 103rd and Doty site.

No sludge was delivered to the Doty site in February 1990.

On February 22, surface runoff overflowed from a retention pond in the southeastern part of the site and entered the northern end of Lake Calumet. A sample of this flow was taken, and analytical results are presented in Table 1. This pond was pumped out 17 days in February. Pumpage was taken by tank truck to a local sewer. A total of 165 truckloads were hauled in February.

Precipitation at the Doty site in February amounted to one and one-half inches of rain and thirteen inches of snow.

EPA Region 5 Records Ctr.



300946

Mr. Ed Marek

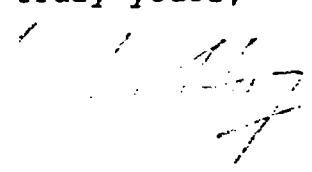
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March 22, 1990

SUBJECT: Progress Report for the 103rd and Doty
Closure Plan for February 1990

Contract plans for Phase I were reviewed and approved by IEPA in February. This contract (No. 89-205-2P) was advertised for bids on March 14, 1990. The prebid conference for this contract is scheduled for April 4, 1990, and final bid opening will be on April 17, 1990.

Very truly yours,


Cecil Lue-Hing, D.Sc., P.E.
Director
Research and Development

CLH:JG:ns
Attachment

cc/att: Chappel (IEPA)
Keller (IEPA)
Rogers (IEPA)
Gould (IEPA)
DiVita
Knight
Murray
Neubauer
Hall

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE 1

ANALYSIS OF RETENTION POND OVERFLOW WHICH ENTERED THE
NORTHERN END OF LAKE CALUMET ON FEBRUARY 22, 1990

Constituent	Concentration*
pH units	7.8
Electrical Conductivity, mS/m	256
BOD	65
Total P	9.07
TKN	204
NH ₃ -N	159
NO ₂ +NO ₃ -N	100
Total Dissolved Solids	2022
Cyanide	0.082
Phenol	0.381
B	0.17
Cd	0.05
Cr	0.41
Cu	0.43
Fe	19.1
Pb	0.33
Mn	1.12
Ni	0.4
Ag	0.022
Zn	1.1

*Mg/L, except as noted.